**SURFYNOL® 420**

**DESCRIPTION**
SURFYNOL® 420 is a multi-functional surfactant that provides dynamic wetting and molecular defoaming properties. It is suitable for waterborne coatings and inks.

**KEY BENEFITS**
- good wetting of low-energy and/or contaminated substrates
- excellent defoaming and deaeration
- suitable for food contact compliant formulations

**EFFECT**
- Substrate wetting
- Anti-crater effect
- Flow promotion
- Defoaming
- Reduction of static surface tension
- Reduction of dynamic surface tension

**SUITABILITY**
- waterborne - solventborne
- 2-pack 100% - radiation-curing
- pigmented coatings - clear coatings

**TECHNICAL DATA**
- active matter content: 100%
- appearance: clear colored liquid
- chemical description: ethoxylated acetylenic surfactant
- solvent: -

**SOLUBILITY**
- Water: -
- Ethanol: -
- TPGDA: -
- Acetone: -
- Butylacetate: -
- Mineral Spirits: -

**RECOMMENDED ADDITION LEVEL**
As supplied calculated on total formulation: 0.1 - 1.5%

**PROCESSING INSTRUCTIONS**
- Addition to the coating as supplied or as a predilution is possible.
- Can be introduced in the grind and let-down stage.

**HANDLING & STORAGE**
Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is normally freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40 °C and mix thoroughly before use.

**TYPICAL APPLICATIONS**
- General industrial coatings
- Architectural paints
- Wood coatings
- Printing Inks

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